

**AMENDMENTS TO THE SPECIFICATION**

Please amend page 31, lines 8-9 as follows:

Either sequentially or simultaneously, oxidizing gases are introduced into soot filter **815** through inlet port **825 845** to burn out the soot and regenerate the filter.

Please amend page 32, lines 16-17 as follows:

The fullerene rich gas stream can be used as suspended particles directly in a subsequent in-line process **900 920**.

Please amend page 41, lines 10-11 as follows:

Table 1 reports the yield of total fullerenes (in g/hour) collected from a location just prior to the soot filter (labeled sampling location **270 275** in Figure 2).

Please amend page 41, lines 16-18 as follows:

The fullerene yield at sample location **270 275** (representative of the yield from a conventional combustion process method) was compared to the fullerene yield of the collected condensed fullerenes at the fullerene filter.